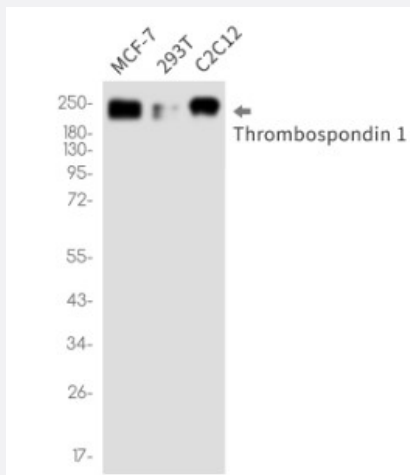


RecomAb™

THBS1 recombinant monoclonal antibody, clone R06-5F3

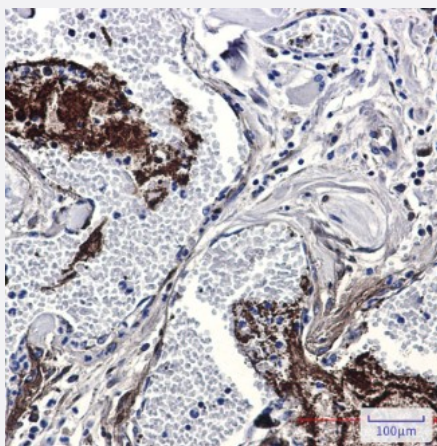
Catalog # RAB01344 Size 100 uL

Applications



Western Blot

Western Blot analysis of MCF-7, 293T, C2C12 lysates with THBS1 recombinant monoclonal antibody, clone R06-5F3 (Cat # RAB01344).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cholangiocarcinoma with THBS1 recombinant monoclonal antibody, clone R06-5F3 (Cat # RAB01344).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human THBS1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human THBS1.

Theoretical MW (kDa)	Calculated MW: 129 k
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cholangiocarcinoma with THBS1 recombinant monoclonal antibody, clone R06-5F3 (Cat # RAB01344).

- Immunoprecipitation

Gene Info — THBS1

Entrez GeneID	7057
Protein Accession#	P07996
Gene Name	THBS1
Gene Alias	THBS, TSP, TSP1

Gene Description	thrombospondin 1
Omim ID	188060
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1. This protein has been shown to play roles in platelet aggregation, angiogenesis, and tumorigenesis. [provided by RefSeq]
Other Designations	thrombospondin-1p180

Pathway

- [Bladder cancer](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [p53 signaling pathway](#)
- [TGF-beta signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Angina Pectoris](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Chorioamnionitis](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)

- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neovascularization](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Rectal Neoplasms](#)
- [Werner syndrome](#)